Index of authors and papers to volume 99

Abalde, J.R., see Chian, A.C.-L. 99 (1997) 269
Abraham, N.B., see Rauh, A. 99 (1997) 45

Baudet, C., see Ruiz-Chavarria, G. 99 (1997) 369
Bayliss, A. and Matkowsky, B.J., Structure and dynamics of kink and cellular flames stabilized on a rotating burner 99 (1997) 276
Bechtel, S.E., see Forest, M.G. 99 (1997) 527
Bergé, P., see Houard, S. 99 (1997) 318
Bodenschatz, E., see Roberts, B.W. 99 (1997) 252
Borisov, A.B. and Ionov, S.N., Vortices and vortex dipoles in 2D sine-Gordon model 99 (1997) 18
Borland, L., Simultaneous modeling of nonlinear deterministic and stochastic dynamics 99 (1997) 175
Börzsönyi, T., see González-Cinca, R. 99 (1997) 359
Bosley, D.L., see Wang, L. 99 (1997) 1
Brindley, J., see Yannacopoulos, A.N. 99 (1997) 162
Buka, Á., see González-Cinca, R. 99 (1997) 359

Casademunt, J., see González-Cinca, R. 99 (1997) 359
Casdagli, M.C., Iasemidis, L.D., Sackellares, J.C., Roper, S.N., Gilmore, R.L. and Savit, R.S., Characterizing nonlinearity in invasive EEG recordings from temporal lobe epilepsy 99 (1997) 381
Cermelli, P. and Mazzucco, E., A note on the model of crystalline defects in Ericksen–Pitteri neighborhoods 99 (1997) 350
Chian, A.C.-L., Lopes, S.R. and Abalde, J.R., Hamiltonian chaos in two coupled three-wave parametric interactions with quadratic nonlinearity 99 (1997) 269
Chon, K.H., Kanter, J.K., Cohen, R.J. and Holstein-Rathlou, N.-H., Detection of chaotic determinism in time series from randomly forced maps 99 (1997) 471
Chorin, A.J. and Hald, O.H., Analysis of Kosterlitz–Thouless transition models 99 (1997) 442
Ciliberto, S., see Ruiz-Chavarria, G. 99 (1997) 369
Cohen, R.J., see Chon, K.H. 99 (1997) 471

Daviaud, F., see Houard, S. 99 (1997) 318

Echebarría, B., Krmpotić, D. and Pérez-García, C., Resonant interactions in Bénard–Marangoni convection in cylindrical containers 99 (1997) 487

Forest, M.G., Wang, Q. and Bechtel, S.E., 1-D models for thin filaments of liquid-crystalline polymers: Coupling of orientation and flow in the stability of simple solutions 99 (1997) 527

Galaktionov, V.A. and Posashkov, S.A., New explicit solutions of quasilinear heat equations with general first-order sign-invariants 99 (1997) 217

Index of authors and papers to volume 99

Abalde, J.R., see Chian, A.C.-L. 99 (1997) 269
Abraham, N.B., see Rauh, A. 99 (1997) 45

Baudet, C., see Ruiz-Chavarria, G. 99 (1997) 369
Bayliss, A. and Matkowsky, B.J., Structure and dynamics of kink and cellular flames stabilized on a rotating burner 99 (1997) 276
Bechtel, S.E., see Forest, M.G. 99 (1997) 527
Bergé, P., see Houard, S. 99 (1997) 318
Bodenschatz, E., see Roberts, B.W. 99 (1997) 252
Borisov, A.B. and Ionov, S.N., Vortices and vortex dipoles in 2D sine-Gordon model 99 (1997) 18
Borland, L., Simultaneous modeling of nonlinear deterministic and stochastic dynamics 99 (1997) 175
Börzsönyi, T., see González-Cinca, R. 99 (1997) 359
Bosley, D.L., see Wang, L. 99 (1997) 1
Brindley, J., see Yannacopoulos, A.N. 99 (1997) 162
Buka, Á., see González-Cinca, R. 99 (1997) 359

Casademunt, J., see González-Cinca, R. 99 (1997) 359
Casdagli, M.C., Iasemidis, L.D., Sackellares, J.C., Roper, S.N., Gilmore, R.L. and Savit, R.S., Characterizing nonlinearity in invasive EEG recordings from temporal lobe epilepsy 99 (1997) 381
Cermelli, P. and Mazzucco, E., A note on the model of crystalline defects in Ericksen–Pitteri neighborhoods 99 (1997) 350
Chian, A.C.-L., Lopes, S.R. and Abalde, J.R., Hamiltonian chaos in two coupled three-wave parametric interactions with quadratic nonlinearity 99 (1997) 269
Chon, K.H., Kanter, J.K., Cohen, R.J. and Holstein-Rathlou, N.-H., Detection of chaotic determinism in time series from randomly forced maps 99 (1997) 471
Chorin, A.J. and Hald, O.H., Analysis of Kosterlitz–Thouless transition models 99 (1997) 442
Ciliberto, S., see Ruiz-Chavarria, G. 99 (1997) 369
Cohen, R.J., see Chon, K.H. 99 (1997) 471

Daviaud, F., see Houard, S. 99 (1997) 318

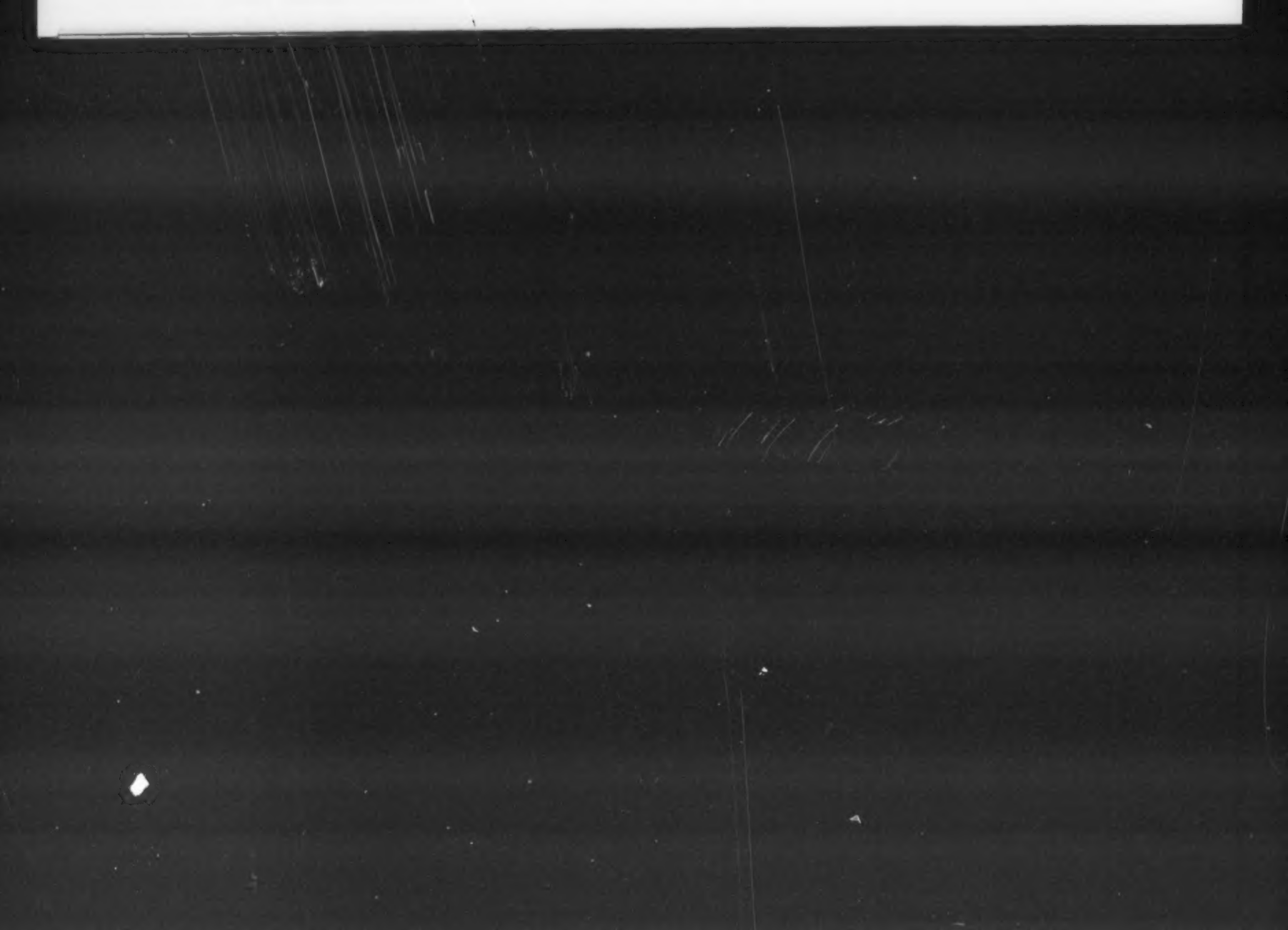
Echebarría, B., Krmpotić, D. and Pérez-García, C., Resonant interactions in Bénard–Marangoni convection in cylindrical containers 99 (1997) 487

Forest, M.G., Wang, Q. and Bechtel, S.E., 1-D models for thin filaments of liquid-crystalline polymers: Coupling of orientation and flow in the stability of simple solutions 99 (1997) 527

Galaktionov, V.A. and Posashkov, S.A., New explicit solutions of quasilinear heat equations with general first-order sign-invariants 99 (1997) 217

UMI

INDEX SHOULD READ 1996-1997.



Gilmore, R.L., see Casdagli, M.C. 99 (1997) 381
González-Cinca, R., Ramírez-Piscina, L., Casademunt, J., Hernández-Machado, A., Kramer, L., Tóth Katona, T., Börzsönyi, T. and Buka, Á., Phase-field simulations and experiments of faceted growth in liquid crystals 99 (1997) 359
Gorbatyuk, A.V. and Niedernostheide, F.-J., Analytical model for a nonlinear current feedback mechanism in a self-organizing semiconductor system 99 (1997) 339

Haken, H., see Jirsa, V.K. 99 (1997) 503
Hald, O.H., see Chorin, A.H. 99 (1997) 442
Hannibal, L., see Rauh, A. 99 (1997) 45
Hernández-Machado, A., see González-Cinca, R. 99 (1997) 359
Holstein-Rathlon, N.-H., see Chon, K.H. 99 (1997) 471
Houard, S., Daviaud, F. and Bergé, P., Phase-locking modes in a bidimensional network of coupled water jets 99 (1997) 318

Iasemidis, L.D., see Casdagli, M.C. 99 (1997) 381
Ionov, S.N., see Borisov, A.B. 99 (1997) 18

Jirsa, V.K. and Haken, H., A derivation of a macroscopic field theory of the brain from the quasi-microscopic neural dynamics 99 (1997) 503

Kanters, J.K., see Chon, K.H. 99 (1997) 471
Karpal, R., see Voroney, J.-P. 99 (1997) 303
Kevorkian, J., see Wang, L. 99 (1997) 1
Komineas, S. and Papanicolaou, N., Topology and dynamics in ferromagnetic media 99 (1997) 81
Kowalski, K. and Rembieliński, J., Groups and nonlinear dynamical systems. Dynamics on the $SU(2)$ group 99 (1997) 237
Kramer, L., see González-Cinca, R. 99 (1997) 359
Krmpotić, D., see Echebarría, B. 99 (1997) 487

Lawniczak, A.T., see Voroney, J.-P. 99 (1997) 303
Levermore, C.D. and Liu, J.-G., Large oscillations arising in a dispersive numerical scheme 99 (1997) 191
Liu, J.-G., see Levermore, C.D. 99 (1997) 191
Lomeli, H.E., Perturbations of elliptic billiards 99 (1997) 59
Lopos, S.R., see Chian, A.C.-L. 99 (1997) 269

Manuca, R. and Savit, R., Stationarity and nonstationarity in time series analysis 99 (1997) 134
Matkowksy, B.J., see Bayliss, A. 99 (1997) 276
Mazzucco, E., see Cermelli, P. 99 (1997) 350
Merkin, J.H., see Yannacopoulos, A.N. 99 (1997) 162

Nakajima, H. and Ueda, Y., Riddled basins of the optimal states in learning dynamical systems 99 (1997) 35
Niedernostheide, F.-J., see Gorbatyuk, A.V. 99 (1997) 339

Papanicolaou, N., see Komineas, S. 99 (1997) 81
Pérez-García, C., see Echebarría, B. 99 (1997) 487
Pilling, M.J., see Yannacopoulos, A.N. 99 (1997) 162
Posashkov, S.A., see Galaktionov, V.A. 99 (1997) 217

Ramírez-Piscina, L., see González-Cinca, R. 99 (1997) 359
Rauh, A., Hannibal, L. and Abraham, N.B., Global stability properties of the complex Lorenz model 99 (1997) 45
Rembieliński, J., see Kowalski, K. 99 (1997) 237
Roberts, B.W., Bodenschatz, E. and Scthna, J.P., A bound on the decay of defect–defect correlation functions in two-dimensional complex order parameter equations 99 (1997) 252
Roper, S.N., see Casdagli, M.C. 99 (1997) 381
Ruiz-Chavarría, G., Baudet, C. and Ciliberto, S., Scaling laws and dissipation scale of a passive scalar in fully developed turbulence 99 (1997) 369
Ruppin, E., see Sipper, M. 99 (1997) 428

Sackellares, J.C., see Casdagli, M.C. 99 (1997) 381
Savit, R., see Manuca, R. 99 (1997) 134
Savit, R.S., see Casdagli, M.C. 99 (1997) 381
Scthna, J.P., see Roberts, B.W. 99 (1997) 252
Shatah, J. and Strauss, W., Breathers as homoclinic geometric wave maps 99 (1997) 113
Siboni, S., Statistical properties of skew-endomorphisms with Bernoulli base 99 (1997) 407
Sipper, M. and Ruppin, E., Co-evolving architectures for cellular machines 99 (1997) 428
Strauss, W., see Shatah, J. 99 (1997) 113

Tóth Katona, T., see González-Cinca, R. 99 (1997) 359

Ueda, Y., see Nakajima, H. 99 (1997) 35

Voroney, J.-P., Lawniczak, A.T. and Karpal, R., Turing pattern formation in heterogeneous media 99 (1997) 303

Wang, L., Bosley, D.L. and Kevorkian, J., An asymptotic analysis of the 1:3:4 Hamiltonian normal form 99 (1997) 1
Wang, Q., see Forest, M.G. 99 (1997) 527
Wang, X., Time averaged energy dissipation rate for shear driven flows in $\mathbb{R}^n$ 99 (1997) 555

Yannacopoulos, A.N., Brindley, J., Merkin, J.H. and Pilling, M.J., Approximation of attractors using Chebyshev polynomials 99 (1997) 162